Office Chief

ELV S&FA LAUNCH REVIEW PROCESS

KDP-P-2230
Revision: A

Flight Assurance Manager/Engineer

START

Assign responsibility for mission and launch support.

Collect all S&FA data pertinent to mission from all applicable sources. Attend reviews and record info as specified in attached Checklist.

Objectives:

- to consolidate the LV data through the various lifecycle phases for use as an input to the S&FA launch decision
- to evaluate the pre-launch data and the corrective actions to make the S&FA Launch decision
- to provide a consistent manner of making a launch GO/NO-GO decision

Approval:_____

    Program Manager
    ELV and Payload Carriers Programs

Charts required ?

No

Yes

Prepare briefing charts, reports, or plans as required to support reviews

Attend review to evaluate impact of open/ closed items on launch readiness

Successful reviews?

No

Yes

Participate in launch countdown to evaluate:
- problems encountered
- actions taken
- rationale used

Obtain final pad closeout ops assessment from Flight Assurance Specialist

Ready for launch ?

Yes

No

When polled, give NO-GO for launch

Evaluate:
- out-of-tolerance condition or,
- weather restrictions or,
- other anomaly

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Conditions changed to acceptable

No

Yes

When polled, give GO for Launch

Was launch successful ?

Yes

Did launch occur ?

Yes

No

No

Recycle ?

Yes

No

Abort launch

Execute Contingency/Impoundment Plan

Support investigations as required

END

ELV S&FA Launch Process

Review Checklist

Mission/Designation/Name: _____ **Launch Date:** _____

ELV Pre-Launch Readiness Reviews:

	Review Date	**Evaluation Results** (Cont. below)	**S &FA Attendee**
CD LVRR:	_____	_____	_____
MDR/WDR:	_____	_____	_____
IMAR:	_____	_____	_____
LSRR:	_____	_____	_____
FRR:	_____	_____	_____
LMCM:	_____	_____	_____
LRR:	_____	_____	_____
Lessons Learned	_____	_____	_____

	COUNTDOWN	**RECYCLE #1**	**RECYCLE #2**
Ready for Launch?	☐Yes _____ ☐No (Initials/Date)	☐Yes _____ ☐No (Initials/Date) ☐N/A	☐Yes _____ ☐No (Initials/Date) ☐N/A
Launch?	☐Yes _____ ☐No (Initials/Date)	☐Yes _____ ☐No (Initials/Date) ☐N/A	☐Yes _____ ☐No (Initials/Date) ☐N/A
Launch Successful?	☐Yes _____ ☐No (Initials/Date)	☐Yes _____ ☐No (Initials/Date) ☐N/A	☐Yes _____ ☐No (Initials/Date) ☐N/A

Continuation of Review
Evaluations/Comments:_____
_____
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Completed by: _____ Date: _____